

## SEARCH REQUEST FORM

## Scientific and Technical Information Center

Requester's Full Name: Jonathan Crescenzi Examiner #: 75637 Date: 12/1/03  
 Art Unit: 1746 Phone Number 305 0051 Serial Number: 09/1941526  
 Mail Box and Bldg/Room Location: CP3 7E04 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Alkaline cell with Improved Cathode Rozelle

Inventors (please provide full names): Francis P. Wang; L. Simon Xue; David Anglin; James Rozelle;  
Joseph Drennan; Enoch L. Wang

Earliest Priority Filing Date: 3/24/01 US 2003 0049530

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A battery comprising an electrode comprising "copper iodate" (HCA) ( $Cu(I0_3)_2$ ).

13454-89-7

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## STAFF USE ONLY

Searcher: TC  
 Searcher Phone #: \_\_\_\_\_  
 Searcher Location: \_\_\_\_\_  
 Date Searcher Picked Up: 12/3/03  
 Date Completed: 12/3/03  
 Searcher Prep & Review Time: 120  
 Clerical Prep Time: \_\_\_\_\_  
 Online Time: 120

## Type of Search

NA Sequence (#) \_\_\_\_\_  
 AA Sequence (#) \_\_\_\_\_  
 Structure (#) \_\_\_\_\_  
 Bibliographic /  
 Litigation \_\_\_\_\_  
 Fulltext \_\_\_\_\_  
 Patent Family \_\_\_\_\_  
 Other \_\_\_\_\_

## Vendors and cost where applicable

STN \_\_\_\_\_  
 Dialog \_\_\_\_\_  
 Questel/Orbit \_\_\_\_\_  
 Dr. Link \_\_\_\_\_  
 Lexis/Nexis \_\_\_\_\_  
 Sequence Systems \_\_\_\_\_  
 WWW/Internet \_\_\_\_\_  
 Other (specify) \_\_\_\_\_



# STIC Search Report

## EIC 1700

STIC Database Tracking Number: 10938121

**TO:** Jonathan Crepeau  
**Location:** CP3 7E01  
**Art Unit :** 1746  
**December 3, 2003**

**Case Serial Number:** 09/941526

**From:** John Calve  
**Location:** EIC 1700  
**CP3/4-3D62**  
**Phone:** 308-4139

**John.Calve@uspto.gov**

Search Notes



STN search

=> d his

(FILE 'HOME' ENTERED AT 13:29:50 ON 01 DEC 2003)

FILE 'REGISTRY' ENTERED AT 13:30:07 ON 01 DEC 2003  
L1 1 S COPPER IODATE/CN

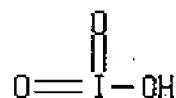
FILE 'CAPLUS, USPATFULL' ENTERED AT 13:30:56 ON 01 DEC 2003  
L2 3 S L1 AND BATTERY  
L3 5 S L1 AND CELL

=>

```
=> s copper iodate/cn
L1          1 COPPER IODATE/CN
```

```
=> d 11
```

```
L1  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2003 ACS on STN
RN  13454-89-2  REGISTRY
CN  Iodic acid (HIO3), copper(2+) salt (8CI, 9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN  Copper iodate (Cu(IO3)2) (6CI, 7CI)
OTHER NAMES:
CN  Copper diiodate (Cu(IO3)2)
CN  Copper iodate
CN  Cupric iodate
MF  Cu . 2 H I O3
LC  STN Files:  CA, CAOLD, CAPLUS, CHEMCATS, CSCHEM, DETHERM*, GMELIN*,
     IFICDB, IFIUCDB, TOXCENTER, USPATFULL
     (*File contains numerically searchable property data)
CRN  (7782-68-5)
```



# 1/2 Cu(II)

73 REFERENCES IN FILE CA (1907 TO DATE)  
73 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
6 REFERENCES IN FILE CAOLD (PRIOR TO 1967)